

EEEEEEEEE	DDDDDDDDDD	TTTTTTTTTT
EEEEEEEEE	DDDDDDDDDD	TTTTTTTTTT
EEEEEEEEE	DDDDDDDDDD	TTTTTTTTTT
EEE	DDD	TTT
EEEEEEEEE	DDDDDDDDDD	TTT
EEEEEEEEE	DDDDDDDDDD	TTT
EEEEEEEEE	DDDDDDDDDD	TTT

FILEID**CHMSELPOS

**FI

CCCCCCCC	HH	HH	MM	MM	SSSSSSSS	EEEEEEEEE	LL	PPPPPPPP	000000	SSSSSSSS
CCCCCCCC	HH	HH	MMMM	MMMM	SSSSSSSS	EEEEEEEEE	LL	PPPPPPPP	000000	SSSSSSSS
CC	HH	HH	MMMM	MMMM	SS	EE	LL	PP	00	SS
CC	HH	HH	MM	MM	SS	EE	LL	PP	00	SS
CC	HH	HH	MM	MM	SS	EE	LL	PP	00	SS
CC	HH	HH	MM	MM	SS	EE	LL	PP	00	SS
CC	HH	HH	MM	MM	SSSSSS	EEEEEEE	LL	PPPPPPPP	00	SSSSSS
CC	HH	HH	MM	MM	SSSSSS	EEEEEEE	LL	PPPPPPPP	00	SSSSSS
CC	HH	HH	MM	MM	SS	EE	LL	PP	00	SS
CC	HH	HH	MM	MM	SS	EE	LL	PP	00	SS
CC	HH	HH	MM	MM	SS	EE	LL	PP	00	SS
CC	HH	HH	MM	MM	SS	EE	LL	PP	00	SS
CCCCCCCC	HH	HH	MM	MM	SSSSSSSS	EEEEEEEEE	LLLLLLLL	PP	000000	SSSSSSSS
CCCCCCCC	HH	HH	MM	MM	SSSSSSSS	EEEEEEEEE	LLLLLLLL	PP	000000	SSSSSSSS

LL		SSSSSSSS
LL		SSSSSSSS
LL		SS
LL		SS
LL		SS
LL		SSSSSS
LL		SSSSSS
LL		SS
LL		SS
LL		SS
LL		SSSSSSSS
LLLLLLLL		SSSSSSSS

```
1 0 XTITLE 'EDT$CHMSELPOS - test position of select range'
2 0 MODULE EDT$CHMSELPOS (                                ! Test position of select range
3 0 IDENT = 'V04-000'                                     ! File: CHMSELPOS.BLI Edit: JBS1005
4 0 ) =
5 0
6 1 BEGIN
7 1 ****
8 1 *
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26 1 *
27 1 *
28 1 ****
29 1 *
30 1 *
31 1 ++
32 1 FACILITY:    EDT -- The DEC Standard Editor
33 1
34 1 ABSTRACT:
35 1
36 1     This module compares the current line to the select range.
37 1
38 1 ENVIRONMENT: Runs at any access mode - AST reentrant
39 1
40 1 AUTHOR: Bob Kushlis, CREATION DATE: Unknown
41 1
42 1 MODIFIED BY:
43 1
44 1     1-001 - Original. DJS 04-Feb-1981. This module was created by
45 1         extracting the routine EDT$$SEL_RNGPOS from module CHANGE.BLI.
46 1     1-002 - Regularize headers. JBS 03-Mar-1981
47 1     1-003 - Make some minor edits, for esthetics. JBS 02-Jun-1981
48 1     1-004 - Convert to new compare line number macro. STS 20-Oct-1982
49 1     1-005 - Maintain select information until screen update is done with it. JBS 02-Dec-1982
50 1
51 1 --
```

```
: 53      0052 1 %SBTTL 'Declarations'  
54      0053 1 TABLE OF CONTENTS:  
55      0054 1  
56      0055 1  
57      0056 1  
58      0057 1 REQUIRE 'EDTSRC:TRAROUNAM';  
59      0496 1  
60      0497 1 FORWARD ROUTINE  
61      0498 1     EDT$$SEL_RNGPOS;  
62      0499 1  
63      0500 1  
64      0501 1 INCLUDE FILES:  
65      0502 1  
66      0503 1  
67      0504 1 REQUIRE 'EDTSRC:EDTREQ';  
68      0639 1  
69      0640 1  
70      0641 1 MACROS:  
71      0642 1  
72      0643 1     NONE  
73      0644 1  
74      0645 1 EQUATED SYMBOLS:  
75      0646 1  
76      0647 1     NONE  
77      0648 1  
78      0649 1 OWN STORAGE:  
79      0650 1  
80      0651 1     NONE  
81      0652 1  
82      0653 1 EXTERNAL REFERENCES:  
83      0654 1  
84      0655 1 !     In the routine  
                         ! Compare the select line with the current line
```

86 0656 1 %SBTTL 'EDT\$\$SEL_RNGPOS - test position of select range'
87 0657 1
88 0658 1 GLOBAL ROUTINE EDT\$\$SEL_RNGPOS ! Test position of select range
89 0659 1 =
90 0660 1
91 0661 1 ++
92 0662 1 FUNCTIONAL DESCRIPTION:
93 0663 1
94 0664 1 This little routine returns a comparison between the select line
95 0665 1 and the current line as follows:
96 0666 1
97 0667 1 -1 if the select is before the current line or there is no select
98 0668 1 0 if it is on the current line
99 0669 1 1 if it is after the current line
100 0670 1
101 0671 1 This is useful, because, when text is changed, the select position is
102 0672 1 affected only if it is on or after the current line.
103 0673 1
104 0674 1 FORMAL PARAMETERS:
105 0675 1
106 0676 1 NONE
107 0677 1
108 0678 1 IMPLICIT INPUTS:
109 0679 1
110 0680 1 EDT\$\$A_SEL_BUF
111 0681 1 EDT\$\$A_OLD_SEL
112 0682 1 EDT\$\$L_SEL_LN
113 0683 1 EDT\$\$A_CUR_BUF
114 0684 1
115 0685 1 IMPLICIT OUTPUTS:
116 0686 1
117 0687 1 NONE
118 0688 1
119 0689 1 ROUTINE VALUE:
120 0690 1
121 0691 1 -1 if the select is before the current line or there is no select
122 0692 1 0 if the select is on the current line
123 0693 1 1 if the select is after the current line
124 0694 1
125 0695 1 SIDE EFFECTS:
126 0696 1
127 0697 1 NONE
128 0698 1
129 0699 1 --
130 0700 1
131 0701 2 BEGIN
132 0702 2
133 0703 2 EXTERNAL
134 0704 2 EDT\$\$A_SEL_BUF, : Pointer to select buffer.
135 0705 2 EDT\$\$L_SEL_LN : LN_BLOCK, : Relative line number of select.
136 0706 2 EDT\$\$A_CUR_BUF : REF TBCB_BLOCK, : The current buffer tbcb
137 0707 2 EDT\$\$A_OLD_SEL; : Pointer to old select buffer
138 0708 2
139 0709 3 IF ((.EDT\$\$A_SEL_BUF NEQA .EDT\$\$A_CUR_BUF) AND (.EDT\$\$A_OLD_SEL NEQA .EDT\$\$A_CUR_BUF))
140 0710 3 THEN RETURN (-1) ! No select in this buffer
141 0711 3 ELSE
142 0712 2

EDT\$CHMSELPOS
V04-000

EDT\$CHMSELPOS - test position of select range 16-Sep-1984 00:11:27 VAX-11 Bliss-32 V4.0-742
EDT\$\$SEL_RNGPOS - test position of select rang 14-Sep-1984 12:22:46 [EDT.SRC]CHMSELPOS.BLI;1

Page 4 (3)

: 143 0713 2 RETURN (CMPLNO (EDT\$\$L_SEL_LN, EDT\$\$A_CUR_BUF [TBCB_CUR_LIN]));
: 144 0714 2
: 145 0715 1 END;
: 146 0716 1
: 147 0717 1 END
: 148 0718 1 !<BLF/PAGE>

F 11

16-Sep-1984 00:11:27
14-Sep-1984 12:22:46

VAX-11 Bliss-32 V4.0-742
[EDT.SRC]CHMSELPOS.BLI;1

EDT\$
V04-

: .TITLE EDT\$CHMSELPOS EDT\$CHMSELPOS - test position of
: select range
: .IDENT \V04-000\
: .EXTRN EDT\$\$A_SEL_BUF, EDT\$\$L_SEL_LN
: .EXTRN EDT\$\$A_CUR_BUF, EDT\$\$A_OLD_SEL
: .PSECT _EDT\$CODE,NOWRT, SHR, PIC,2
:
: 50 00000000G 00 0000 0000 .ENTRY EDT\$\$SEL_RNGPOS, Save nothing
: 50 00000000G 00 D1 00009 MOVL EDT\$\$A_CUR_BUF, R0
: 50 00000000G 09 13 00010 CMPL EDT\$\$A_SEL_BUF, R0
: 50 00000000G 00 D1 00012 BEQL 1\$
: 51 00000000G 1C 12 00019 CMPL EDT\$\$A_OLD_SEL, R0
: 51 00000000G 00 3C 0001B 1\$: BNEQ 2\$
: 51 0A A0 B1 00022 MOVZWL HIGH 1, R1
: 51 0A A0 B1 00022 CMPW 10(R0), R1
: 51 0A A0 B1 00022 BGTRU 2\$
: 51 00000000G 16 12 00028 BNEQ 4\$
: 06 51 00000000G 00 D0 0002A MOVL LOW_1, R1
: 06 A0 51 D1 00031 CMPL R1,-6(R0)
: 50 04 1E 00035 BGEQU 3\$
: 50 01 CE 00037 2\$: MNEGL #1, R0
: 50 04 0003A RET
: 50 03 12 0003B 3\$: BNEQ 4\$
: 50 D4 0003D CLRL R0
: 50 04 0003F RET
: 50 01 D0 00040 4\$: MOVL #1, R0
: 50 04 00043 RET
:
: 0658
: 0709
: 0713
: 0715

: Routine Size: 68 bytes, Routine Base: _EDT\$CODE + 0000

: ! of module EDT\$CHMSELPOS

EDT\$CHMSELPOS G 11
V04-000 EDT\$CHMSELPOS - test position of select range 16-Sep-1984 00:11:27 VAX-11 Bliss-32 v4.0-742
EDT\$\$SEL_RNGPOS - test position of select rang 14-Sep-1984 12:22:46 [EDT.SRC]CHMSELPOS.BLI;1 Page (4)

150 0719 1
151 0720 0 ELUDOM

PSECT SUMMARY

Name	Bytes	Attributes
_EDT\$CODE	68	NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

Library Statistics

File	----- Symbols -----			Pages Mapped	Processing Time
	Total	Loaded	Percent		
\$255\$DUA28:[EDT.SRC]EDT.L32;1	377	30	7	40	00:00.2
\$255\$DUA28:[EDT.SRC]PSECTS.L32;1	2	1	50	7	00:00.1

COMMAND QUALIFIERS

: BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACEBACK/LIS=LIS\$:CHMSELPOS/OBJ=OBJ\$:CHMSELPOS MSRC\$:CHMSELPOS.BLI/UPDATE=(ENHS:CHMSELPOS)

```
; Size:          68 code + 0 data bytes
; Run Time:      00:10.7
; Elapsed Time:  00:12.6
; Lines/CPU Min: 4052
; Lexemes/CPU-Min: 12596
; Memory Used:  72 pages
; Compilation Complete
```

0132 AH-BT13A-SE
VAX/VMS V4.0

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